

FIG. 1

Equipment Parameter	Overlay Parameter	Adjustment Formula
FIA _ X (um)	Offset _X(um)	$B = -1.0883 * A - 0.0016$
FIA _ Y (um)	Offset _Y(um)	$B = -1.0232 * A - 0.0023$
Lens Mag Matching Offset X (um)	Shot Scaling X (ppm)	$B = -84.853 * A + 0.0639$
Machine Scaling Y (ppm)	Shot Scaling Y (ppm)	$B = -1.0053 * A - 0.0193$
LSA _ X (um)	Offset _X (um)	$B = -0.9958 * A + 0.0011$
LSA _ Y (um)	Offset _Y (um)	$B = -1.0042 * A - 0.0004$
Shot Skew(urad)	Shot Ortho(urad)	$B = -0.9422 * A + 0.0094$
Machine Shot Rot(urad)	Shot Rot(urad)	$B = -1.0247 * A - 0.0214$

FIG. 2

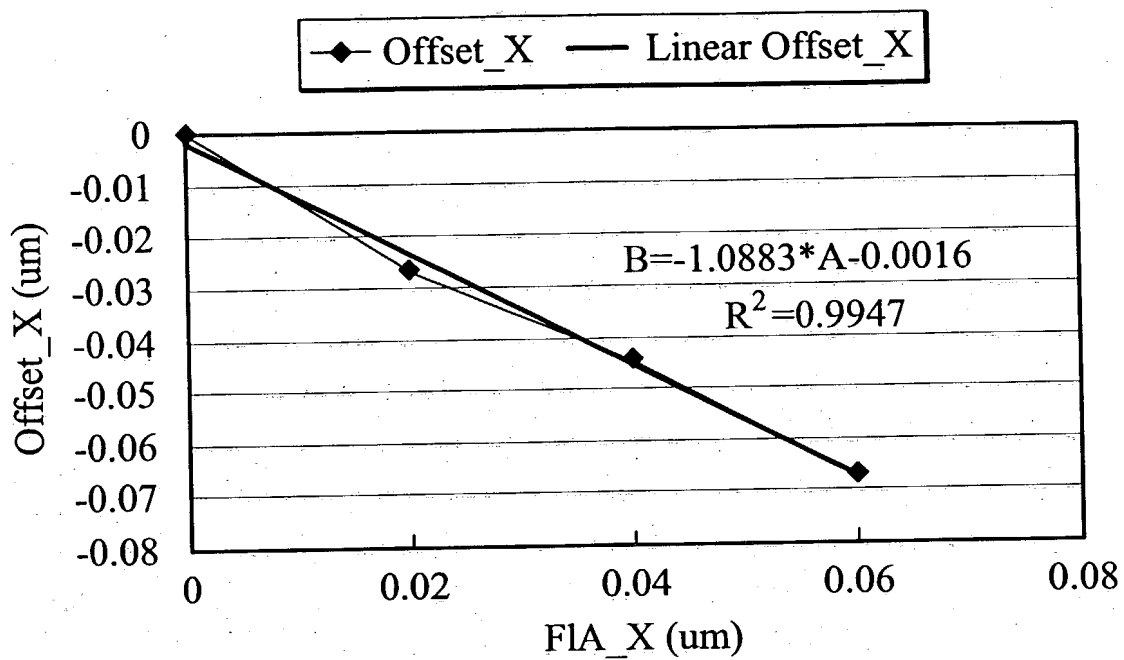


FIG. 3A

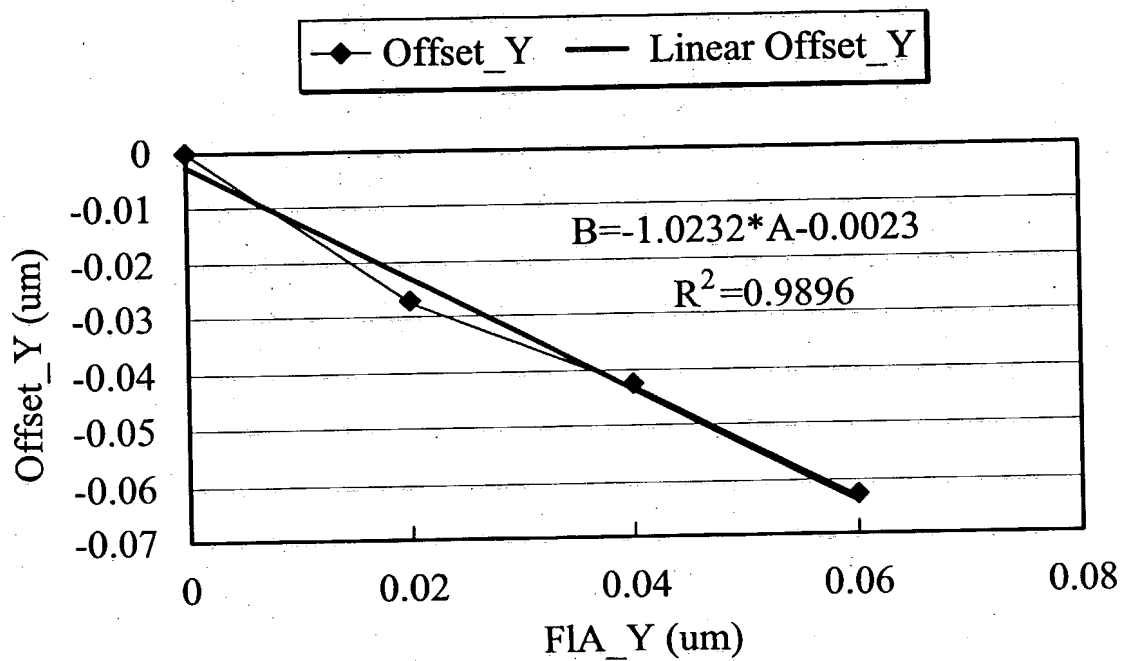


FIG. 3B

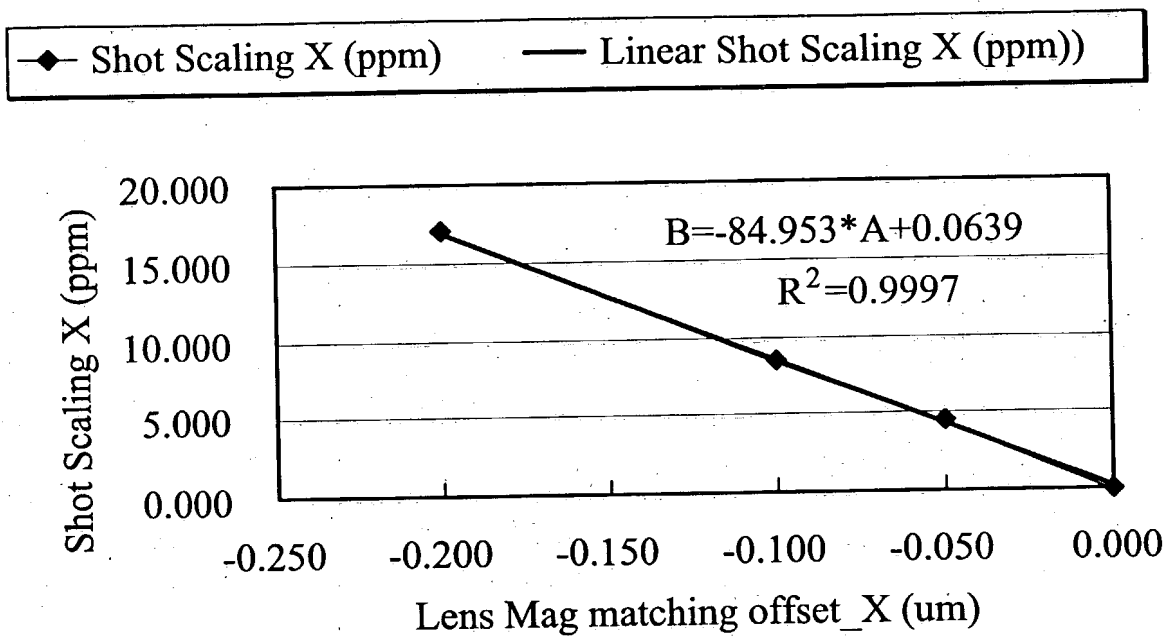


FIG. 3C

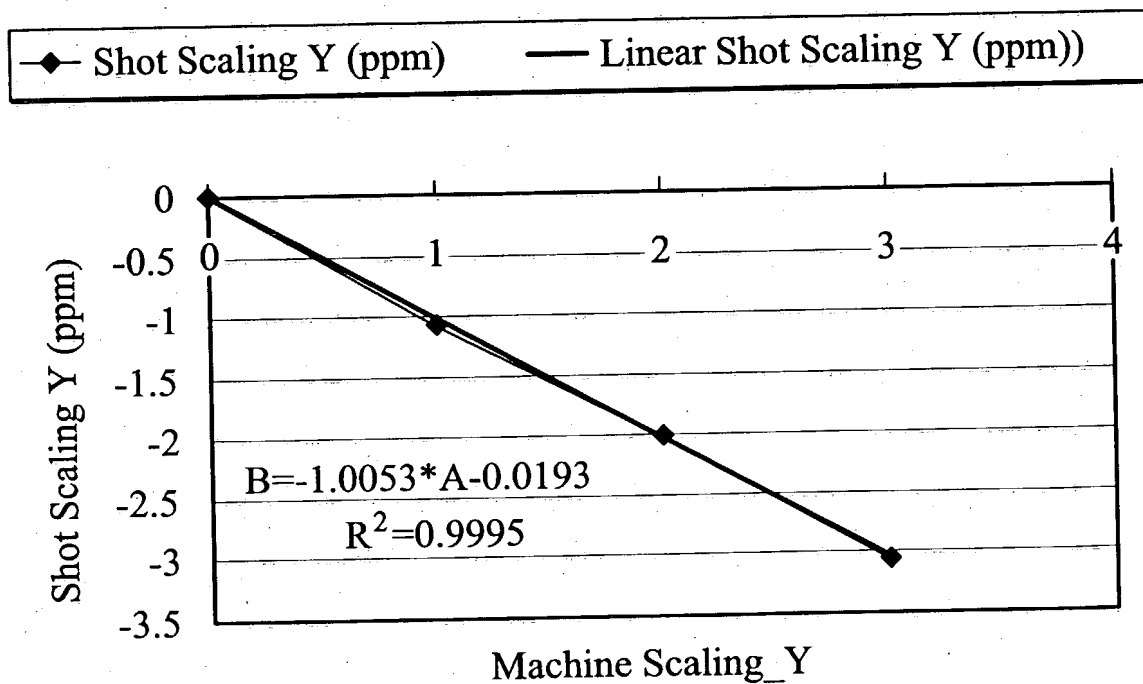


FIG. 3D

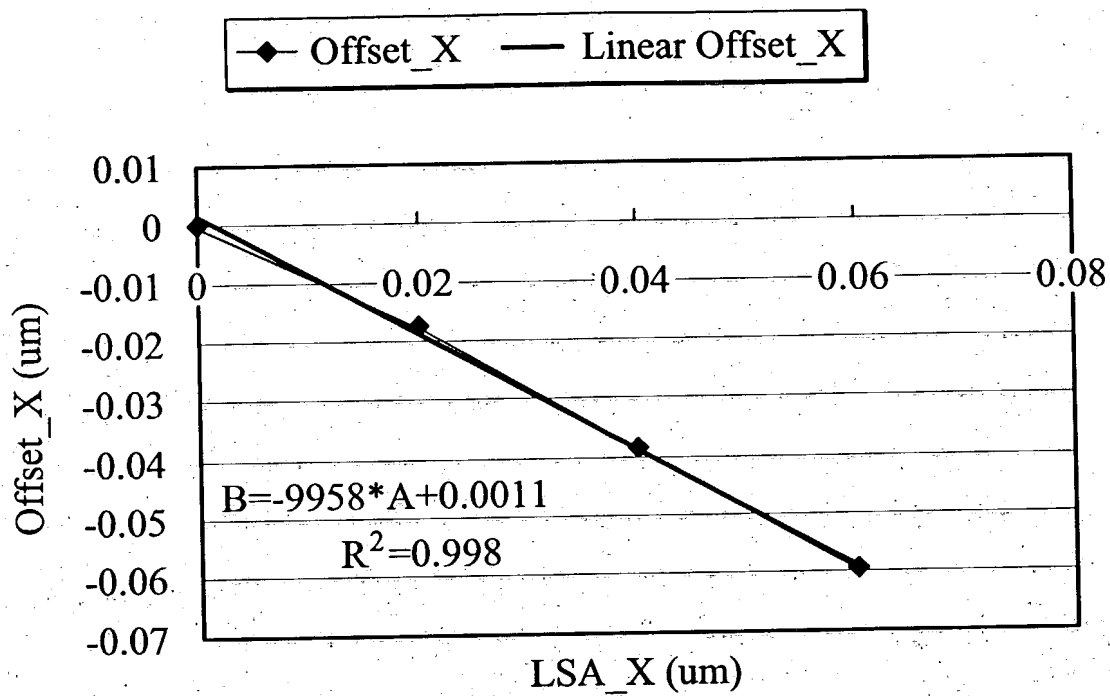


FIG. 3E

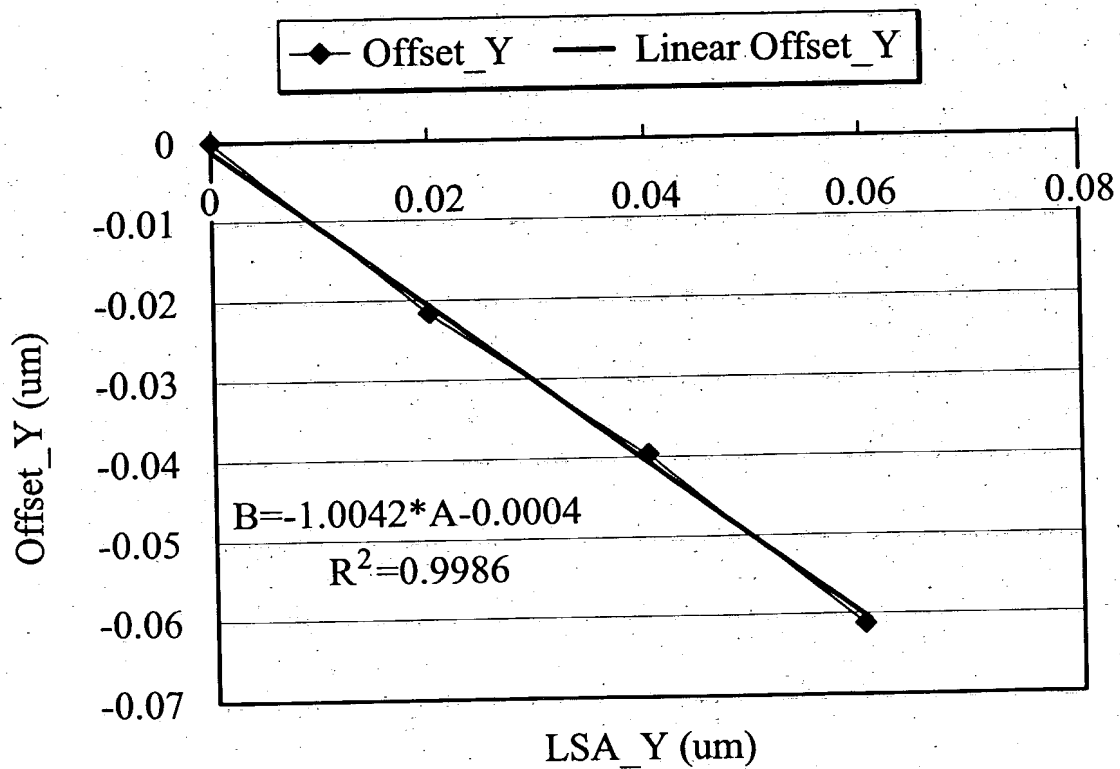


FIG. 3F

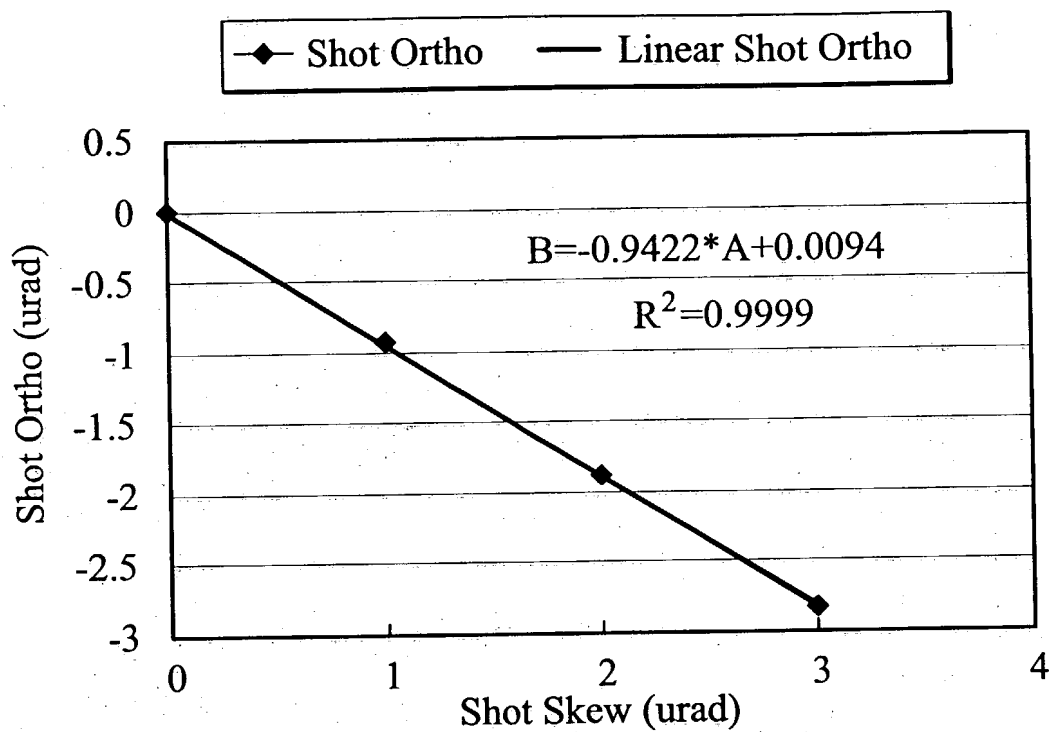


FIG. 3G

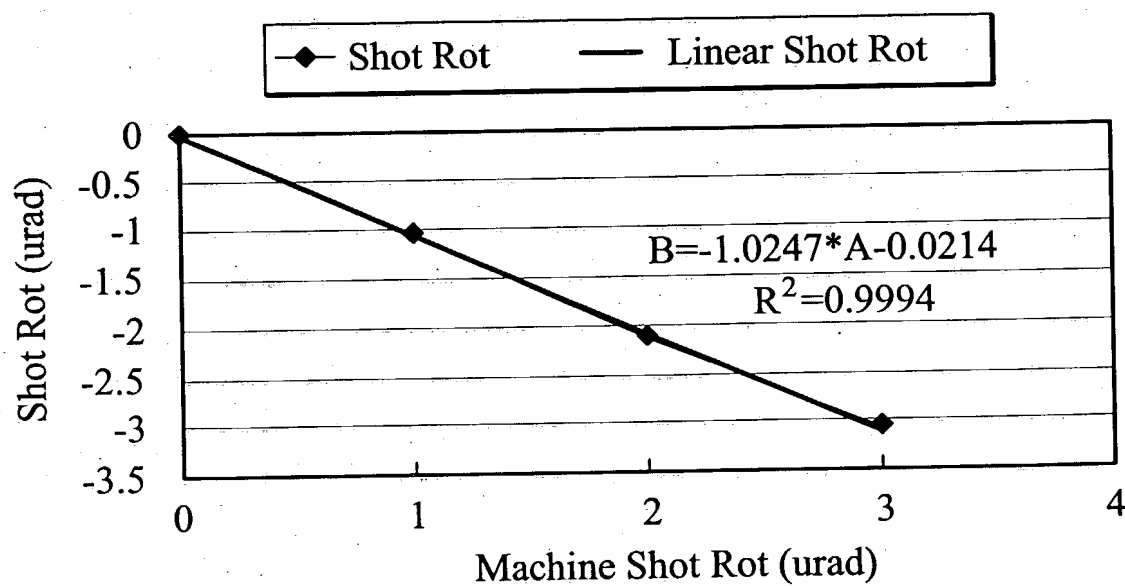


FIG. 3H

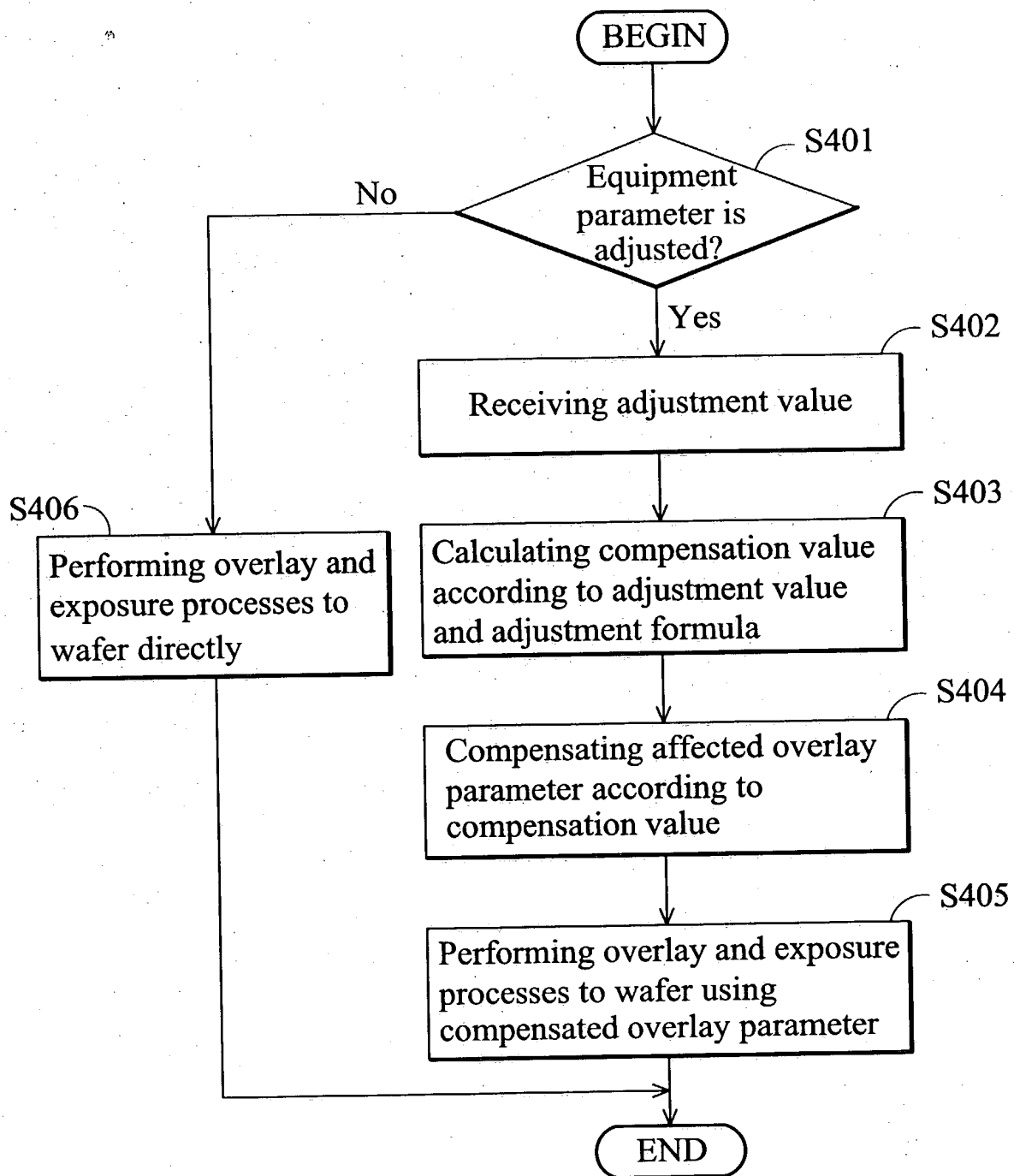


FIG. 4